CLAIMS

1. Arrangement for distributing IP-addresses in a GPRS network, which network comprises a global processor holding a pool of available addresses, and a number of external networks comprising application processors, which processors are adapted to supply an address from the global pool to a user upon request,
each application processor is arranged to hold an internal pool of IP-addresses,
the application processor is adapted to request IP-addresses from the global processor when said internal pool is empty or nearly empty,
whereupon the global processor is adapted to respond by transferring a group comprising a number of IP-addresses to the requesting application processor.

2. Arrangement according to claim 1,
in which the groups of IP-addresses in said internal pool has a predefined static size.

3. Arrangement according to claim 2,
in which said processor is adapted to release a group of addresses and notify the global processor thereof, if the number of addresses in the internal pool of an application processor exceeds a predefined limit.

4. Arrangement according to claim 3,
in which said limit is equal to two times the size of the group of IP-addresses last received from the global processor.

5. Arrangement according to claim 1,
in which the size of the groups of IP-addresses in said internal pool is dynamically adjusted to achieve as little traffic as possible, without being too liberal with the address resources.

6. Arrangement according to claim 5, in which said processor is adapted to release a group of addresses and notify the global processor thereof, if the number of addresses in the internal pool of an application processor exceeds a predefined limit.

7. Arrangement according to claim 6, in which said limit is equal to two times the size of the group of IP-addresses last received from the global processor.

8. Arrangement according to claim 1, in which the global processor is arranged to release addresses that not has been used in a preceding interval of time.

9. Arrangement according to claim 1, in which each application processor is arranged to store said internal pool of IP-addresses in RAM, and make back-up copies of this pool on a persistent storage medium with regular intervals.

10. Arrangement for distributing resources in a network, which network comprises a global processor holding a pool of available resources, and a number of external networks comprising application processors, which processors are adapted to supply a resource from the global pool to a user upon request,
each application processor is arranged to hold an internal pool of resources,
the application processor is adapted to request resources from the global processor when said internal pool is empty or nearly empty,
whereupon the global processor is adapted to respond by transferring a group comprising a number of resources to the requesting application processor.